

SEQUENCE LISTING

(1) GENERAL INFORMATION

- (i) APPLICANT: Becker, Michael M.
Majlessi, Mehrdad
- (ii) TITLE OF THE INVENTION: METHODS FOR DETECTING AND
AMPLIFYING NUCLEIC ACID
SEQUENCES USING MODIFIED
OLIGONUCLEOTIDES HAVING
INCREASED TARGET SPECIFIC TM
- (iii) NUMBER OF SEQUENCES: 2
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Gen-Probe Incorporated
(B) STREET: 10210 Genetic Center Drive
(C) CITY: San Diego
(D) STATE: CA
(E) COUNTRY: USA
(F) ZIP: 92121
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Diskette
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: FastSEQ for Windows Version 2.0
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: 08/893,300
(B) FILING DATE: 15-JUL-1997
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 06/021,818
(B) FILING DATE: 15-JUL-1996
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Cappellari, Charles B.
(B) REGISTRATION NUMBER: 40,937
(C) REFERENCE/DOCKET NUMBER: CHE7B-P01A01
- (ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 619-410-8927
(B) TELEFAX: 619-410-8928
(C) TELEX:

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 26 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GCTCGTTGCG GGACTTAACC CAACAT

26

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 26 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

ATGTTGGGTT AAGTCCCGCA ACGAGC

26

SEQUENCE LISTING

(1) GENERAL INFORMATION

(i) APPLICANTS: Becker, Michael M.
Majlessi, Mehrdad

(ii) TITLE OF THE INVENTION: Methods for Detecting and Amplifying
Nucleic Acid Sequences Using Modified
Oligonucleotides Having Increased Target
Specific T_M

(iii) NUMBER OF SEQUENCES: 2

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Gen-Probe Incorporated
(B) STREET: 9880 Campus Point Drive
(C) CITY: San Diego
(D) STATE: California
(E) COUNTRY: USA
(F) ZIP: 92121

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: MS-DOS Version 6.22
(D) SOFTWARE: FastSEQ Version 1.5

(vi) ATTORNEY/AGENT INFORMATION:

(A) NAME: Fisher, Carlos A
(B) REGISTRATION NUMBER: 36,510
(C) REFERENCE/DOCKET NUMBER: GP95013

(vii) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 619-535-2807
(B) TELEFAX: 619-546-7929

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 26 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GCTCGTTGCG GGACTTAACC CAACAT

26

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 26 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO:2:

ATGTTGGGTT AAGTCCCGCA ACGAGC

26